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(54) **Protective casing with cooling for equipment in air, space or land vehicles**

(57) A system of mechanical restraint and heat dissipation for equipment of space, air or land vehicles including at least one structure housing electronic components and/or apparatuses, said system comprising el-

ements (8) of elastic-damping material (10), coated with at least one layer (11) of a thermally conductive material, said elements being located inside said apparatuses and/or between the apparatuses, inside said structure.

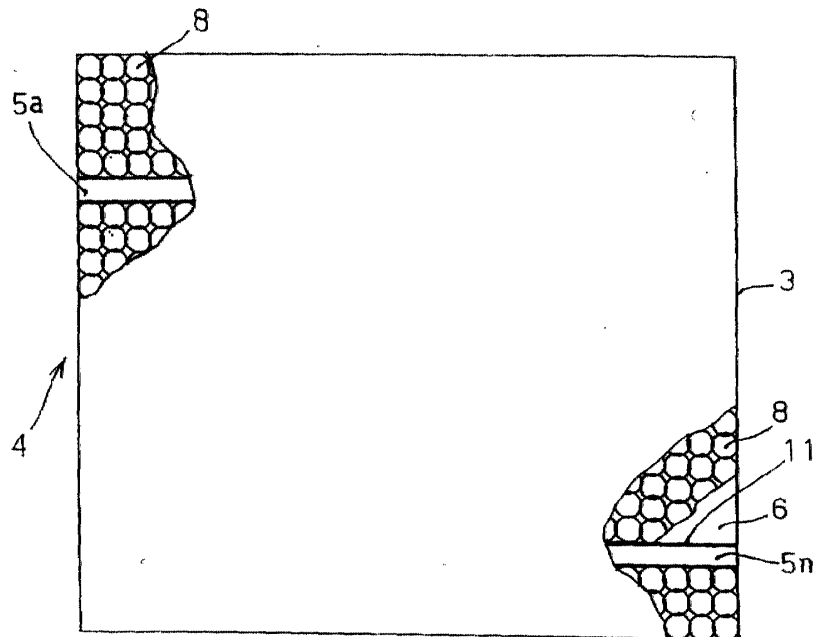


FIG. 2



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 00 10 6877

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
E	EP 0 992 430 A (NEGESAT DI BOER FABRIZIO & C S) 12 April 2000 (2000-04-12) * paragraph [0020] - paragraph [0033] * * figures 1,2 *	1-10,14	B64G1/22 H05K5/06 B65D81/09 B64G1/50 H05K7/20 B65D81/107
P,X	EP 0 951 207 A (NEGESAT DI BOER FABRIZIO & C S) 20 October 1999 (1999-10-20) * the whole document *	1-3, 5-10,14	
A	MCGREGOR J E: "COMPONENT SUPPORT AND COOLING" IBM TECHNICAL DISCLOSURE BULLETIN,US,IBM CORP. NEW YORK, vol. 2, no. 5, 1 February 1960 (1960-02-01), page 18 XP002071529 ISSN: 0018-8689 * the whole document *	1-3,6,9, 10,14	
A	US 4 118 861 A (PALMISANO ROCCO RICHARD) 10 October 1978 (1978-10-10) * abstract * * figures 1,2 * * column 1, line 64 - column 2, line 6 * * column 2, line 26 - column 3, line 45 * * column 4, line 29 - line 45 *	1,2,5,6, 8,14	TECHNICAL FIELDS SEARCHED (Int.Cl.7) B64G H05K B65D
-The present search report has been drawn up for all claims-			
Place of search THE HAGUE		Date of completion of the search 7 May 2001	Examiner Calvo de N , R
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

EPO FORM 1503 03/82 (P04C01)



CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claim(s):

No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.

As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.

Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:

None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

1-10, 14 when dependent of any of claims 1-10



The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. Claims: 1-10, 14 when dependent of any of claims 1-10

A system of mechanic restraint and heat dissipation for components onboard space, aeronautic or land vehicles using elements of elastic-damping material covered with a layer of thermally conductive material.

2. Claims: 11-13, 14 when dependent of any of claims 11-13

A system using compacted fibres of a thermally conductive material for mechanically restraining components onboard a space, air or land vehicle while dissipating their heat.

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 00 10 6877

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

07-05-2001

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82